

**RM 83A3
NATIONAL PARK SERVICE
WATER SYSTEM SECURITY
VULNERABILITY SELF-ASSESSMENT CHECKLIST**

Water systems may use this checklist to review their vulnerability to potential threats. Critically evaluate your water system from top to bottom, possibly with the assistance of law enforcement rangers. After personnel identify any weaknesses, develop short and long-term plans that address those security lapses.

Water System being evaluated: _____

Date of evaluation: _____

Person(s) performing evaluation: _____

1) Is there an emergency/contingency plan in place?

Yes

☐

No

☐

2) Is there a routine monitoring plan in place?

Yes

☐

No

☐

3) Is there a security plan in place?

Yes

☐

No

☐

4) Is there a cross connection control program in-place?

Yes

☐

No

☐

5) Are any of these problem areas for the well or surface water source(s)?

	<u>Yes</u>	<u>No</u>
Easy access	<input type="checkbox"/>	<input type="checkbox"/>
Gates unsecured	<input type="checkbox"/>	<input type="checkbox"/>
Located in remote area	<input type="checkbox"/>	<input type="checkbox"/>
Area too large to monitor	<input type="checkbox"/>	<input type="checkbox"/>
Poor quality locks	<input type="checkbox"/>	<input type="checkbox"/>
Broken or unsecured well caps	<input type="checkbox"/>	<input type="checkbox"/>

Possible solutions:

- Restrict access to roads
- Install gates/locks
- Review water shed protection plans
- Communicate with other departments/security who can monitor the area

- Contact Public Health Consultant for assistance with an emergency preparedness plan

6) Are any of these problem areas for the well house/pump station(s)?

	<u>Yes</u>	<u>No</u>
Doors unlocked/unsecured	<input type="checkbox"/>	<input type="checkbox"/>
Windows unlocked/unsecured	<input type="checkbox"/>	<input type="checkbox"/>
Located in remote area	<input type="checkbox"/>	<input type="checkbox"/>
Poor quality padlocks	<input type="checkbox"/>	<input type="checkbox"/>
Easily accessible by vehicles	<input type="checkbox"/>	<input type="checkbox"/>

Possible solutions:

- Install fencing, upgrade locks
- Install security cameras or motion detectors
- Monitor pump station daily
- Restrict vehicle access with gates/barricades

7) Are any of these problem areas for the treatment system?

	<u>Yes</u>	<u>No</u>
Multiple unsecured doors	<input type="checkbox"/>	<input type="checkbox"/>
No Check-in policy for visitors	<input type="checkbox"/>	<input type="checkbox"/>
Easily broken windows	<input type="checkbox"/>	<input type="checkbox"/>
Accessible equipment	<input type="checkbox"/>	<input type="checkbox"/>
Deliveries/drivers checked not checked-in	<input type="checkbox"/>	<input type="checkbox"/>
Unsecured chemical storage	<input type="checkbox"/>	<input type="checkbox"/>
Unlocked gates/fencing	<input type="checkbox"/>	<input type="checkbox"/>

Possible solutions:

- Install fencing and upgrade locks
- Install security cameras or motion sensors
- Place signs that direct visitors to one entry
- Implement policy to lock all doors and gates when no workers are present
- Install bars and grills over windows
- Check-in all deliveries

8) Are any of these problem areas for the storage and distribution systems?

	<u>Yes</u>	<u>No</u>
Storage tanks - unfenced	<input type="checkbox"/>	<input type="checkbox"/>
Storage tank ladders accessible	<input type="checkbox"/>	<input type="checkbox"/>
Storage tank upper hatch unlocked	<input type="checkbox"/>	<input type="checkbox"/>
Manhole and valve pits unsecured	<input type="checkbox"/>	<input type="checkbox"/>

Possible solutions:

- Install fencing and upgrade locks
- Inspect all manholes, vaults, hatches and meter boxes for signs of tampering
- Restrict climbing access to all storage tanks

- Secure vents, overflows and hydrants
- Work closely with park security to monitor components of distribution system

Comments: